Appl. No. 10/534,471
Response to Final Action of June 22, 2010

Amendment to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (canceled)

2. (canceled)

3. (currently amended) A mobile patient data terminal comprising:

a data transmission unit, wherein the data transmission unit ~~is configured (A) for receiving~~ receives a first data set, the first data set (a) being assembled via a software program of an arithmetic unit started simultaneously with actuation of a start switch of an X-ray apparatus for producing an X-ray exposure, (b) including one selected from the group consisting of (b)(i) selected parameters, (b)(ii) automatically adjusted parameters, and (b)(iii) both selected and automatically adjusted parameters of the X-ray exposure, and (c) extended with further information for enhancing ~~, wherein the further information serves to enhance~~ enhances protection against errors during a transmission of the first data set from the X-ray apparatus, the further information including (c)(i) a time stamp, (c)(ii) an unambiguous data set identification number, and (c)(iii) a checksum; ~~[[,]]~~ and

a microcontroller, wherein the microcontroller ~~(B)~~ compares (i) an identification number of the X-ray apparatus that transmitted the first data set with (ii) an identification number of the mobile patient data terminal for consistency in order to enable correct association of the received signal with the transmitting X-ray apparatus, and subjects a date and time of the first data set to a plausibility test, where in an absence of plausibility or in case of errors, the microcontroller first requests a repeat transmission of the first data set, and further in as far as a newly received first data set is not plausible or contains errors that cannot be corrected, the microcontroller then terminates further evaluation, otherwise the microcontroller forms ~~for forming~~ a second data set ~~, wherein~~